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Date

Jan 26, 2004

Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Cesare Peschle

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Conf. No.: 3808

§ Group Art Unit: 1644

Appln. No.: 10/007,574

§ Examiner: Michail A. Belyavskiy

Filing Date: November 9, 2001

§ Attorney Docket No.: 9855-26U3

Title: COMPOSITIONS AND METHODS FOR GENERATING DIFFERENTIATED HUMAN CELLS

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(b)

Enclosed are copies of each of the documents listed on the attached Information Disclosure Citation Forms PTO/SB/08A, which may be material to the patentability of this application and/or for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56.

The filing of this Information Disclosure Statement shall not be construed as an admission that any of the listed documents constitutes prior art, nor as an admission against interest in any manner.

Also enclosed is our check in the amount of \$180.00 pursuant to 37 C.F.R. §1.97(c)(2) and 37 C.F.R. §1.17(p). The Commissioner is hereby authorized to charge any deficiencies or credit any overpayments to Deposit Account No. 50-1017.

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It is respectfully requested that this Information Disclosure Statement and the documents listed on the attached Forms PTO/SB/08A be considered and acknowledged by the Examiner in connection with the above-identified patent application, be made of record therein, and that the listed document(s) be cited in the issued patent.

Respectfully submitted,

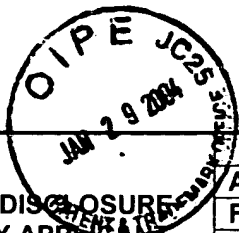
Cesare Peschle

16 January 2004
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Form PTO/SB/08A		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/007,574
		Filing Date	November 9, 2001
		First Named Inventor	Cesare Peschle
		Group Art Unit	1644
		Examiner Name	Michail A. Belyavskiy
Sheet 1 of 4	Attorney Docket Number	9855-26U3	

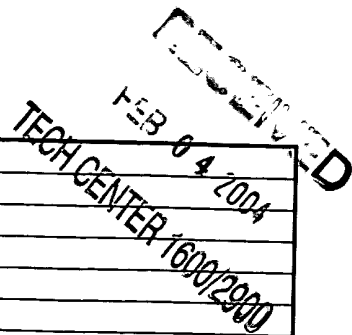
U.S. PATENT DOCUMENTS				
Exr Initials	U.S. Patent Document		Name of First Inventor of Cited Document	Date of Publication of Cited Document MM-YYYY
	Number	Kind Code (if known)		
	5,023,243	A	Tullis	06-1991
	5,034,506	A	Summerton, et al.	07-1991
	5,168,053	A	Altman	12-1992
	5,190,931	A	Inoue	03-1993
	5,747,651	A	Lemischka	05-1998
	5,851,999	A	Ullrich et al.	12-1998
	5,912,133	A	Lemischka	06-1999

FOREIGN PATENT DOCUMENTS						
Exr Initials	Foreign Patent Document			Name of Applicant of Cited Document	Date of Publication of Cited Document MM-YYYY	T ₁
	Country Code	Number	Kind Code (if known)			
	WO	94/17810			08-1994	
	WO	94/23744			10-1994	

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	Sato et al., 1999, Blood, 94:2548-2554 ↵	
	Almeida-Porada et al., 1998, Exp. Hematol. 26:749 `	
	Applebaum et al., 1992, Blood 80:1608-1613 `	
	Ashara et al., 1997, Science 275:964-967 `	
	Bensinger et al., 1996, Blood 88:4132-4138 `	
	Berenson et al., 1991, Blood 77:1717-1722 `	
	Berenson et al., J. Clin. Invest. 81:951-955 `	
	Bhatia et al., 1998, Nature Med . 4:1038-1045 `	
	Bhatia et al., 1997, Proc. Natl. Acad. Sci. U.S.A. 94:5320-5325 `	
	Bird et al., 1988, Science 242:423-426 `	
	Bock et al., 1995, J. Exp. Med. 182:2037-2043 `	
	Brandt et al., 1990, J. Clin. Invest. 86:932-941 `	
	Breems et al., 1996, Blood 87-5370-5378 ~	
	Carè et al., 1999, Oncogene 18:1993-2001 ←	
	Cech et al., 1992, J. Biol. Chem. 267:17479-17482 `	
	Conneally et al., 1997, Proc. Natl. Acad. Sci. U.S.A. 94:9836-9841 ,	

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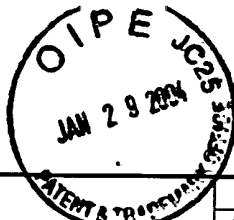
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	Cech, 1988, J. Amer. Med. Assn. 260:3030	
	Choi et al., 1998, Development 125:725-732	
	Civin et al., 1996, Blood 88:4102-4109	
	Cranage et al., 1986, EMBO J. 5:3057-3063	
	Ferrari et al., 1998, Science 279:1528-1530	
	Flamme et al., 1992, Development 116:435-439	
	Gabbianelli et al., 1995 Blood 86:1661-1670	
	Gabbianelli et al., 1990, Science 249:1561-1564	
	Gabrilovich et al., 1998 Blood 92:4150-4166	
	Garcia-Ojeda et al., 1998, J. Exp. Med. 187:1813-1823	
	Goodell et al., 1996, J. Exp. Med. 183:1797-1806	
	Guerriero et al., 1995, Blood 86:3725-3736	
	Hampel et al., 1989, Biochemistry 28:4929-4933	
	Hao et al., 1996, Blood 88:3306-3313	
	Huston et al., 1988, Proc. Natl. Acad. Sci. U.S.A. 85:5879-5883	
	Johnson et al., 1996, Blood 88:629a	
	Kabrun et al., 1997, Development 124:2039-2048	
	Katoh et al., 1995, Cancer Res. 55:5687-5692	
	Kawashim et al., 1996, Blood 87:4136-4142	
	Kay et al., 1994, T.I.G. 10:253-257	
	Kennedy et al., 1997, Nature 386:488-492	
	Labbaye et al., 1995, J. Clin. Invest. 95:2346-2358	
	Larochelle et al., 1996, Nature Med. 2:1329-1337	
	Matthews et al., 1991, Proc. Natl. Acad. Sci. USA 88:9026-9030	

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STATEMENT BY APPLICANT**

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Sheet 3 of 4

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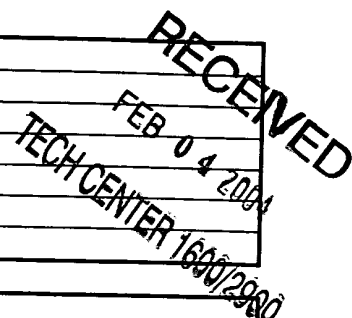
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	Marcus-Sakura, 1988, Anal. Biochem. 172:289	
	Miraglia et al., 1997, Blood 90:5013-5021	
	Morrison et al., 1997, Cell 88:287-298	
	Nielson et al., 1991, Science 254:1497	
	Nishikawa et al., 1998, Development 125:1747-1757	
	Nolta et al., 1994, Blood 83:3041-3047	
	Ogawa et al., 1993, Blood 81:2844-2853	
	Orlic and Bodine, 1994, Blood 84:3991-3994	
	Osawa et al., 1996, Science 273:242-245	
	Petersen et al., 1999, Science 284:1168-1170	
	Ogawa et al., 1993, Science 259:1896-1899	
	Pittenger et al., 1999, Science 284:143-147	
	Risau et al., 1995, Ann. Rev. Cell. Dev. Biol. 11:73-91	
	Shalaby et al., 1995, Nature 376:62-66	
	Shalaby et al., 1997, Cell 89:981-990	
	Sutherland et al., 1990, Proc. Natl. Acad. Sci. U.S.A. 87:3584-3588	
	Sutherland et al., 1996, Exp. Hematol. 24:795-806	
	Terman et al., 1991, Oncogene 6:1677-1683	
	Testa et al., 1996, Blood 88:3391-3406	
	Uchida et al., 1996, Blood 88:1297-1305	
	Valtieri et al., 1994, Cancer Res. 54:4398-4404	
	van der Loo and Ploemacher, 1995, Blood 85:2598-2606	
	Verma et al., 1997, Nature 389:239-242	
	Verstegen et al., 1998, Blood 91:1966-1976	
	Wang et al., 1997, Blood 89:3919-3924	
	Warburton et al., 1991, Genomics 11:324-333	
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